

ABSTRACT OF THE DISCLOSURE

Methods for forming a thermoplastic film with an attached closure strip are disclosed. The film can be used to produce zippered reclosable plastic bags. The methods include providing a thermoplastic film web having a sealing surface and a closure strip having a binding surface, both being in a non-melted condition.

- 5 The film web and the closure strip are aligned in non-overlapping relationship and a heated thermoplastic binder layer is positioned on the film web sealing surface and on the closure strip binding surface quickly after extrusion. The hot binder layer transfers enough heat to the closure strip and to the film web to melt the closure strip binding surface and the film web sealing surface. Pressure is applied to seal the closure strip to the film web. An apparatus for practicing the method and a reclosable bag formed from the thermoplastic film with attached closure strips are also disclosed.